

PATENT APPLICATION

Sheet 1 of 4

FORM PTO-1449		ATTY. DOCKET NO. 200311116-1	APPLICATION NO. 10734713	CONFIRMATION NO
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Raymond G. Beausoleil et al.	GROUP Art Unit 9129	
		FILING DATE 12/12/2003		

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N					
1O					
1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<u>Mai</u>	1Q	Benson, Oliver et al., "Regulated and Entangled Photons from a Single Quantum Dot," Physical Review Letters, Vol. 84, No. 11, Pages 2513-2516 (March 13, 2000).
<u>Mai</u>	1R	Bouwmeester, Dik et al., "Observation of Three-Photon Greenberger-Horne-Zeilinger Entanglement," Physical Review Letters, Vol. 82, No. 7, Pages 1345-1349 (February 15, 1999).
<u>Mai</u>	1S	Chen, Kay-Yut et al., "A Quantum Treatment of Public Goods Economics," Quantum Information Processing, Vol. 1, No. 6, Pages 449-469 (December 2002).

EXAMINER

MAI T. TRAN

DATE CONSIDERED

9/28/06

PATENT APPLICATION

Sheet 2 of 4

FORM PTO-1449		ATTY. DOCKET NO. 200311116-1	APPLICATION NO. 10/734,713	CONFIRMATION NO
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Raymond G. Beausoleil et al.	GROUP <i>Art Unit</i> 2129	
		FILING DATE 12/12/2003		

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	2L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<i>mtt</i>	2Q	Kwiat, Paul G. et al., "Ultrabright Source of Polarization-entangled Photons," Physical Review A, Vol. 60, No. 2, Pages R 773-776 (August 1999).
<i>mtt</i>	2R	O'Brien, J.L. et al., "Demonstration of an all-optical quantum-controlled-NOT gate," Nature, Vol. 426, Pages 264-267 (November 20, 2003).
<i>mtt</i>	2S	Pan, Jian-Wei et al., "Experimental Demonstration of Four-Photon Entanglement and High-Fidelity Teleportation," Physical Review Letters, Vol. 86, No. 20 (May 14, 2001).

EXAMINER
Mai T. TRAN

DATE CONSIDERED

2/29/06

PATENT APPLICATION

Sheet 3 of 4

FORM PTO-1449	ATTY. DOCKET NO. 200311116-1	APPLICATION NO. 10/734713	CONFIRMATION NO
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3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<u>mtt</u>	3Q	Pan, Jian-Wei et al., "Entanglement purification for Quantum Communication," Nature, Vol. 410, Pages 1067-1070 (April 26, 2001).
<u>mtt</u>	3R	Tanzilli, S. et al., "Highly efficient photon-pair source using periodically poled lithium niobate waveguide," Electronics Letters, Vol. 37, No. 1 (January 4, 2001).
<u>mtt</u>	3S	Pittman, T.B. et al., "Probabilistic quantum logic operations using polarizing beam splitters," Physical Review A, Vol. 64, Pages 062311-1 to 062311-9 (2001).

EXAMINER <u>NAI T. TRAN</u>	DATE CONSIDERED <u>2/28/06</u>
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Sheet 4 of 4

FORM PTO-1449		ATTY. DOCKET NO. 200311116-1	APPLICATION NO. 10734713	CONFIRMATION NO
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Raymond G. Beausoleil et al.		
(Use several sheets if necessary)		FILING DATE 12/12/2003	GROUP A1 Unit	8129

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4P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<u>mtt</u>	4Q	Pittman, T.B. et al., "Experimental controlled-NOT logic gate for single photons in the coincidence basis," Physical Review A, Vol. 68, Pages 032316-1 to 032316-4 (2003).
<u>mtt</u>	4R	Zhang et al., "Reduced Entanglements for Quantum Games," Pages 1-27 (July 31, 2003).
	4S	

EXAMINER

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2/28/06



PTO/SB/08B (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Application Number	10/734,713
Filing Date	12/12/2003
First Named Inventor	Beausoleil et al
Art Unit	2129
Examiner Name	MAI T. TRAN
Attorney Docket Number	200311116-1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<u>mtt</u>		BENJAMIN, S. C. ET AL - "Multiplayer Quantum Games" - Physical Review A - vol 64 no 030301 - 08/13/2001	
<u>mtt</u>		HUBERMAN, B. A. ET AL - "Quantum Solution of Coordination Problems" - Online! - June 12, 2003	
<u>mtt</u>		DU, J ET AL - "Entanglement Enhanced Multiplayer Quantum Games" - Physics Letters A - vol 302 no 5-6 - 09/30/2002 - pgs 229-233	
<u>mtt</u>		AKIHISA, TOMITA - "Complete Bell State Measurement With Controlled Photon Absorption And Quantum Interface" - Online! - June 21, 2000	
<u>mtt</u>		SINGH, S. K. - "Characterizing The Combinatorics Of Distributed EPR Pairs For Multi-Partite Entanglement" - Online! - January 1, 2004	

Examiner Signature	<u>Maitham</u>	Date Considered	2/28/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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